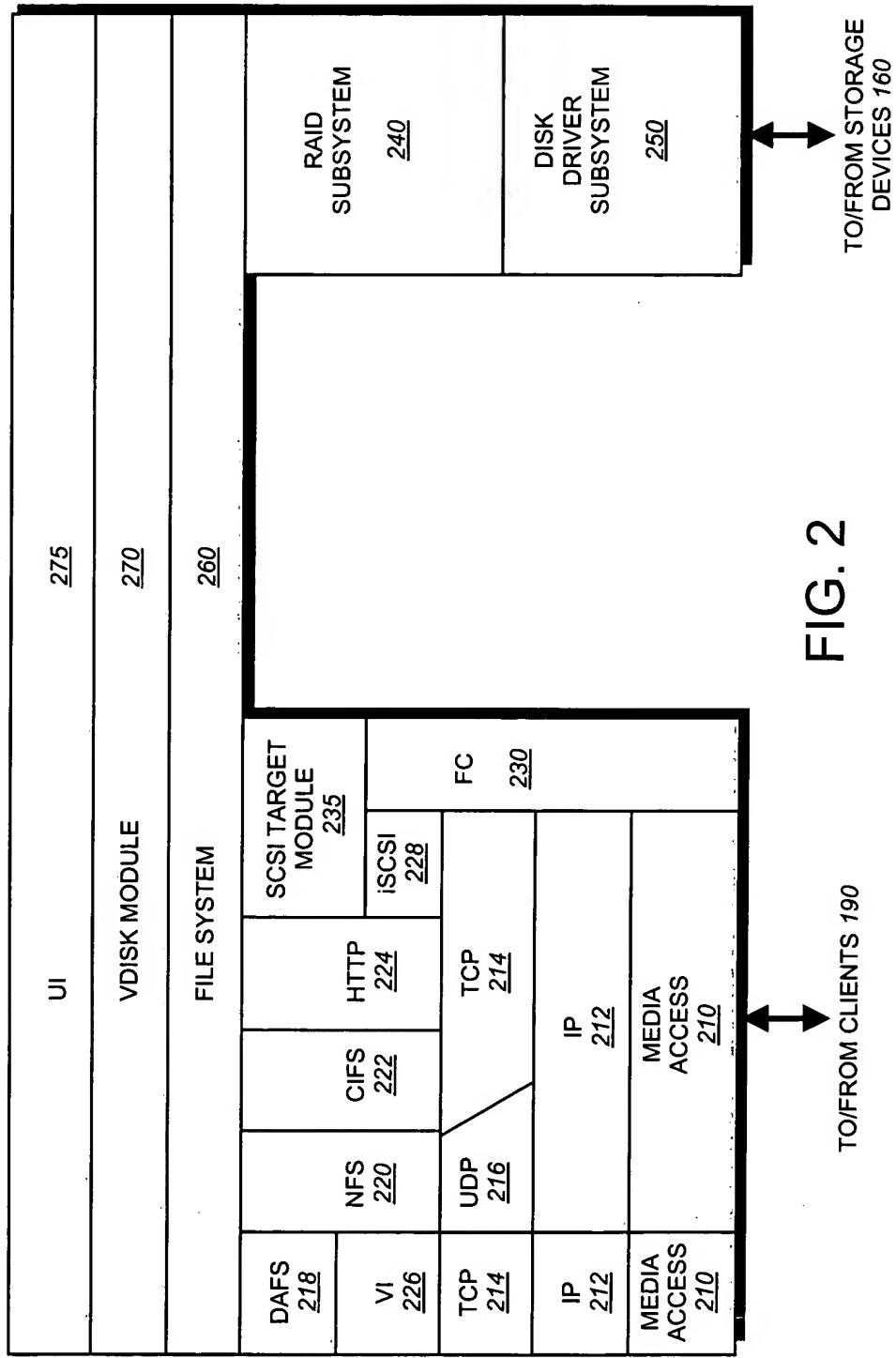


FIG. 1



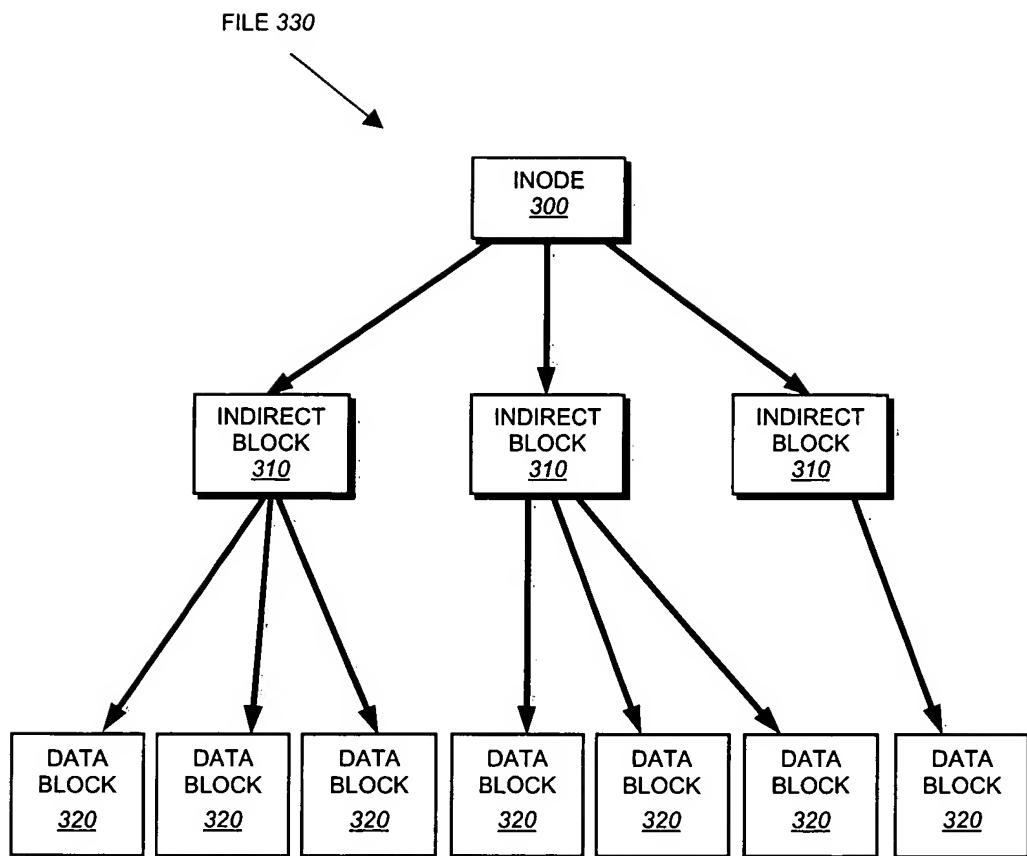


FIG. 3

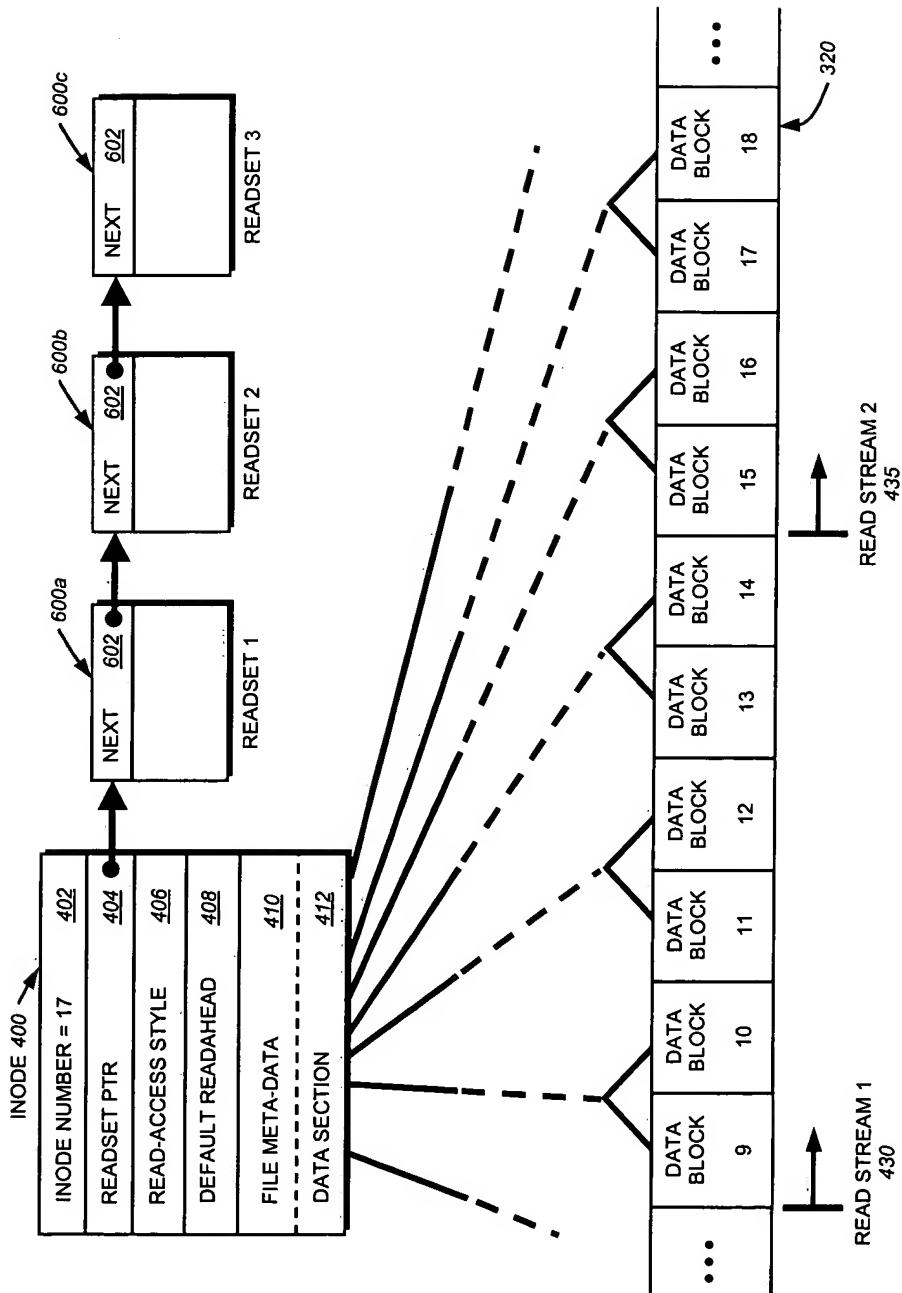


FIG. 4

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FILE SIZE	NUMBER OF READSETS
< 64 kB	0
64 kB–512 kB	1
512 kB–50 MB	2
50 MB–1 GB	5
1 GB–10 GB	10
> 10 GB	15

500  
510  
520

FIG. 5

READ SET 600	→
NEXT POINTER	<u>602</u>
LEVEL	<u>604</u>
COUNT	<u>606</u>
LAST READ OFFSET	<u>608</u>
LAST READ SIZE	<u>610</u>
NEXT READAHEAD	<u>612</u>
READAHEAD SIZE	<u>614</u>
FLAGS	<u>616</u>

FIG. 6

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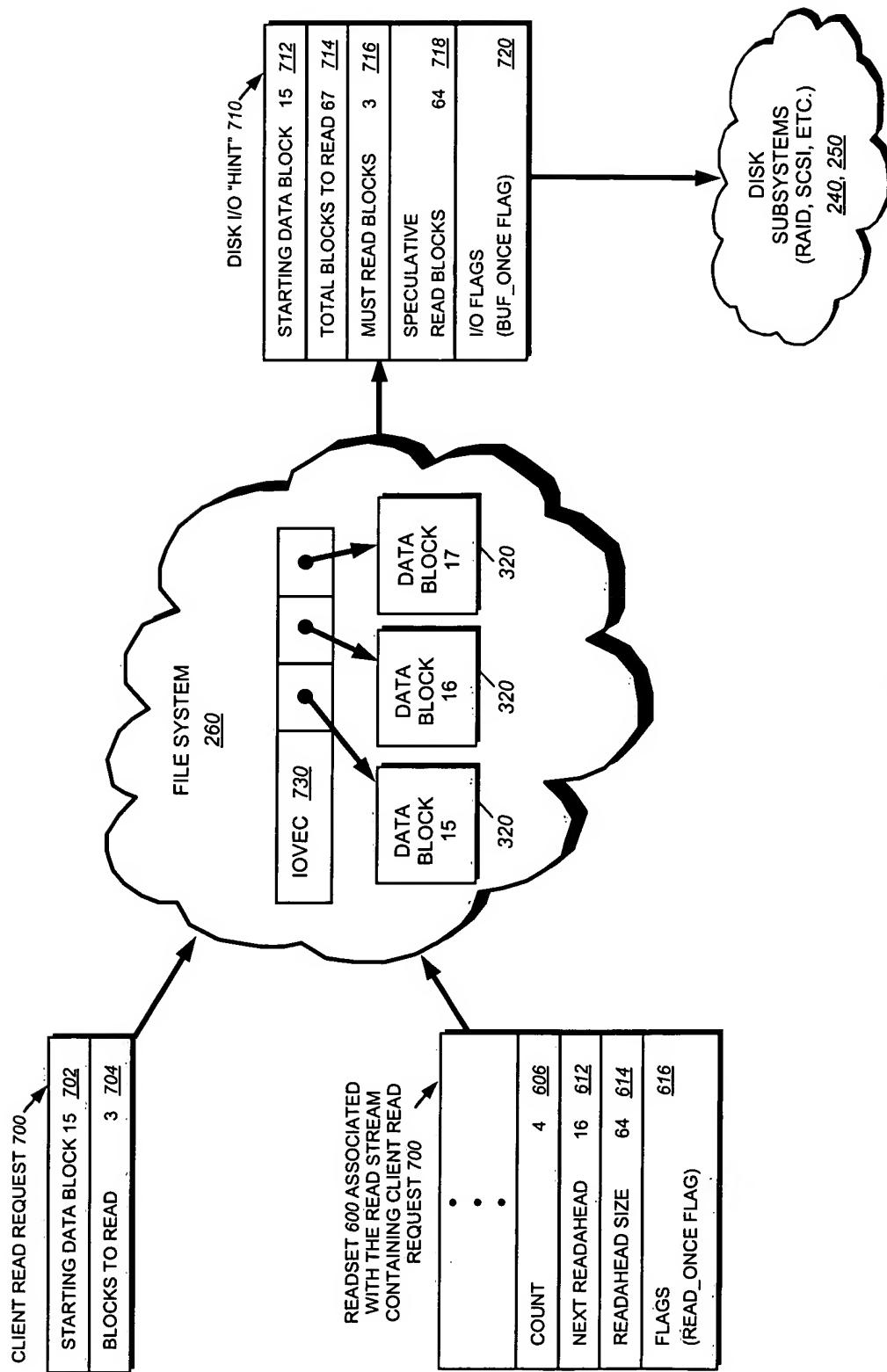


FIG. 7

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A callout arrow originates from the number **800** at the top right and points down to the left side of a table. Another callout arrow originates from the label **SIZE OF CLIENT READ 810** above the first row and points down to the left side of the first row. A third callout arrow originates from the label **NUMBER OF READAHEAD DATA BLOCKS 820** above the second row and points down to the left side of the second row.

< 64 kB	2N
64 kB–128 kB	4N
128 kB–256 kB	6N
256 kB–1024 kB	$2 \cdot (\text{READ SIZE})$
1024 kB–10 MB	$1 \cdot (\text{READ SIZE})$
> 10 GB	FIXED UPPER LIMIT

E.g., N=32 BLOCKS

FIG. 8

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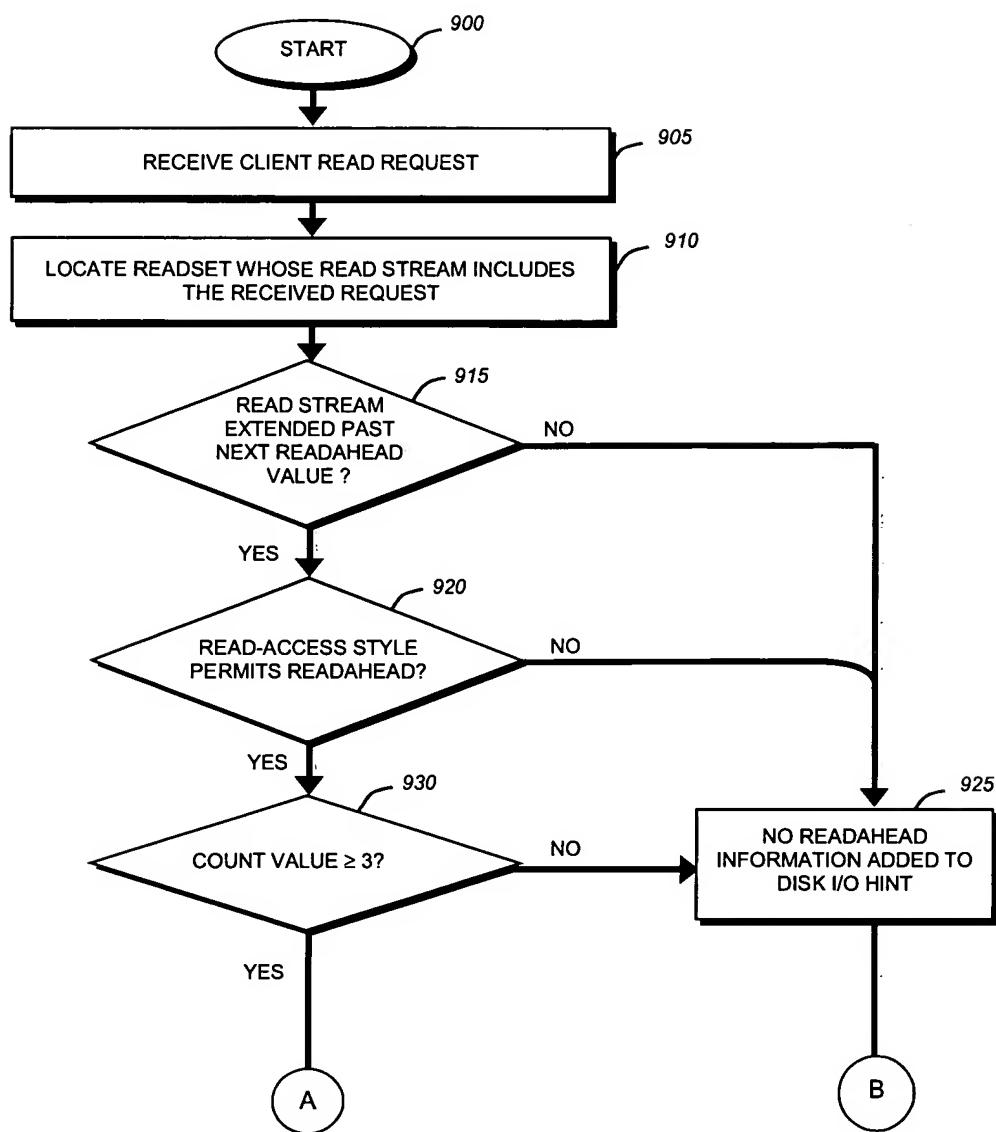


FIG. 9A

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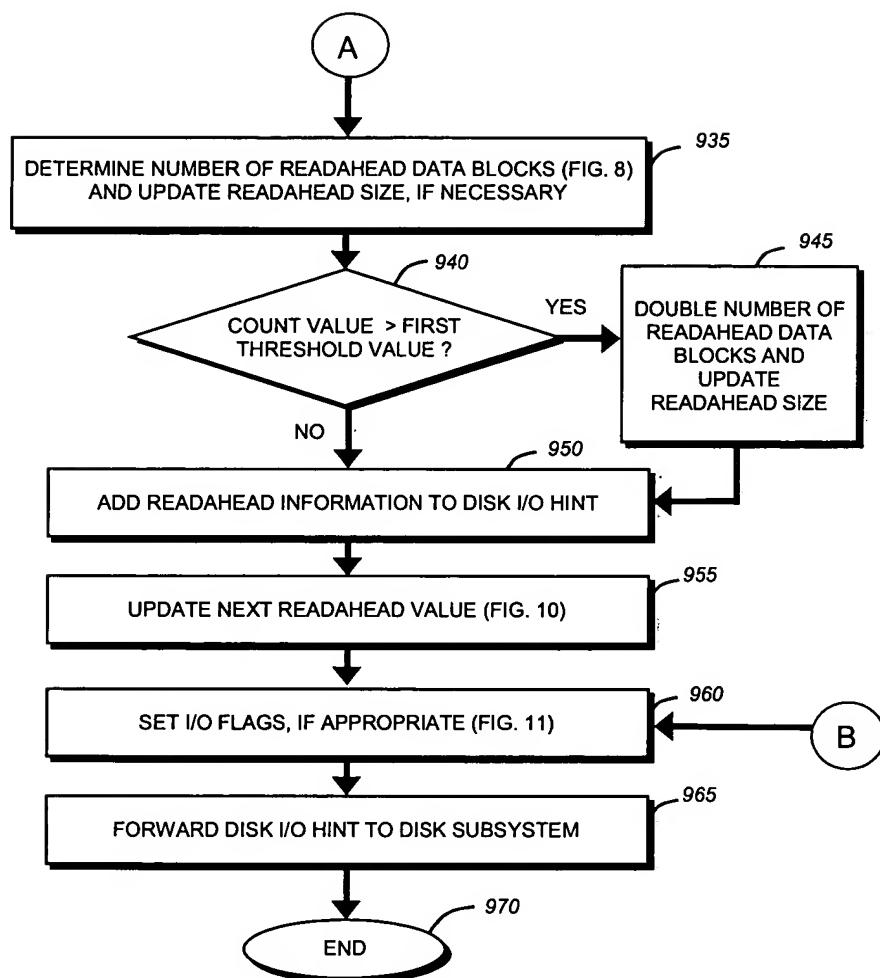


FIG. 9B

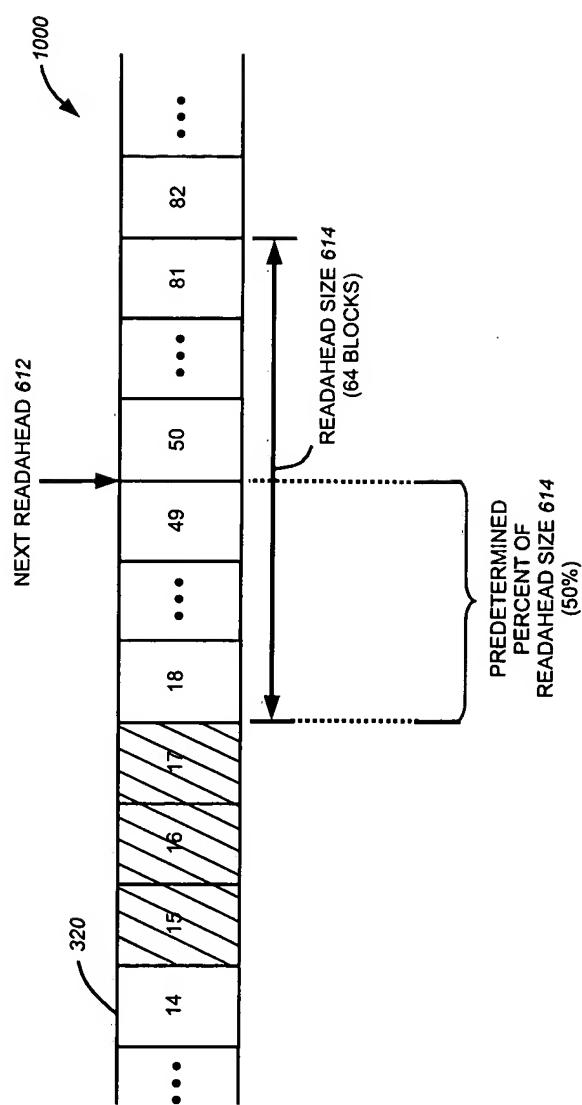


FIG. 10

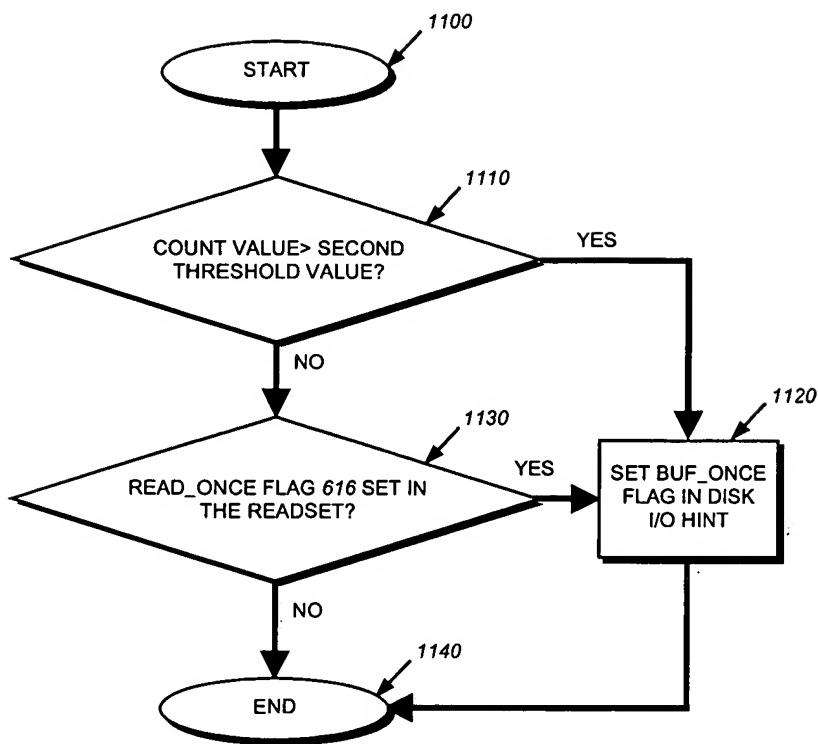


FIG. 11

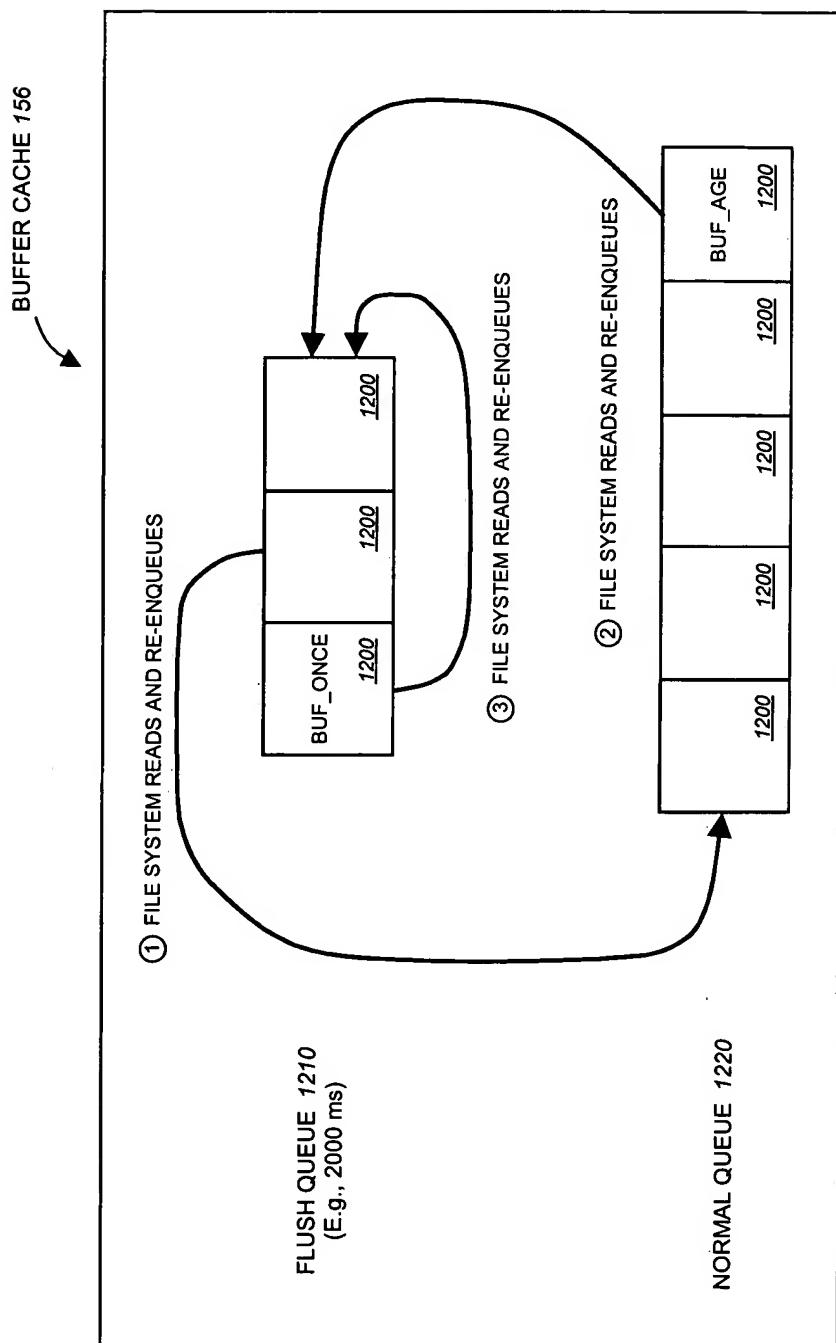


FIG. 12